

The 2004 Outdoor Recreation Needs Assessment

Idaho Recreation Activities by Place of Residence



Regional Participation Rates



IDAHO

Regional Participation Rates



Charts are included only for activities for which there were a minimum of 30 respondents in each region and where regional variation from the statewide percentage was statistically significant.

Idaho Recreation Activities by Place of Residence

by Francis T. Achana, PhD

Crosstabulations were made between variables indicating participation/non-participation in a variety of outdoor recreation activities in six regions of Idaho. The results showed that there were significant differences in participation among regions in some activities. The values of the adjusted residuals were used to identify the regions for which participation levels differed significantly from the Idaho mean (SPSS Base 8.0 [1998] Applications Guide. SPSS Inc. Chicago).

Only activities that had a sample of 30 or more for each region were included in the analysis, in order to ensure adequate sampling. The exceptions were in 'children's participation in fishing activity on a river from a non-motorized boat,' where all regions except the Southwest had a sample of 30 or more (the Southwest Region had a sample of 28), and 'your participation in camping involving a pick-up camper generally,' where the Southeast Region alone had a sample below 30 (its sample was 29). Given the closeness of these exceptions to the target 30 sample, and the fact that the rest of the regions met the target, these activities were included in the analysis.

The values of the adjusted residual are equivalent to z scores. When the adjusted residual for a region is zero, it means that the percentage of participation in the activity in that region is more or less the same as the statewide average. Consequently, residing in that region has no effect in promoting or discouraging participation beyond the statewide mean.

When the adjusted residual is positive, it shows that residents in that region tend to participate more in that activity than the statewide participation mean. A negative adjusted residual has the opposite meaning.

However, it is only when the values of the adjusted residual fall below -2 or above $+2$, that the percentage participation of residents of that region departs significantly from the Idaho participation mean, given their proportions in the sample. The difference can also be significant at exactly -2 or $+2$ as well.

When a regional value is significantly different from the Idaho mean, it means that the regional deviation in participation level from the state average in that activity is beyond what can be explained by chance or random fluctuations alone. Hence, departures of that magnitude from the Idaho mean participation level are statistically significant, and suggest that: "The fact of residing in that region (which is the test variable here), has such a strong influence (positive or negative), on the likelihood of participating in

the activity, that one would not expect such a difference from the Idaho mean to exist by chance.”

Charts are included only for activities for which there were a minimum of 30 respondents for each region in the sample, and where the participation rate in the activity differed significantly from the statewide mean participation rate in at least one of the regions

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Regional Participation Rates

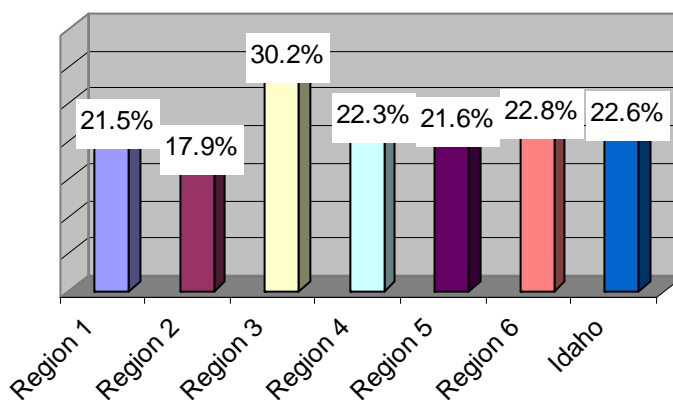


Regional Participation Rates

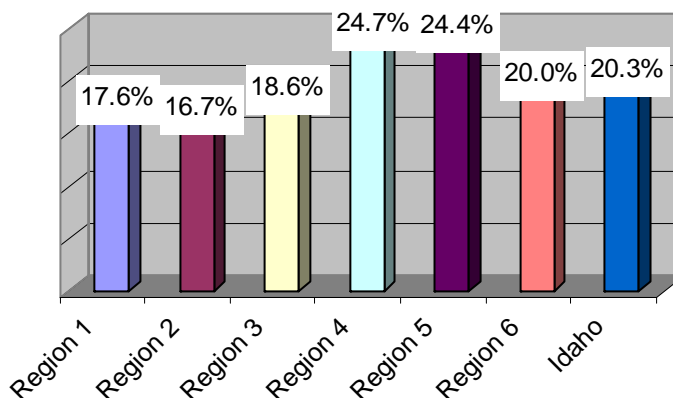


Winter Activities

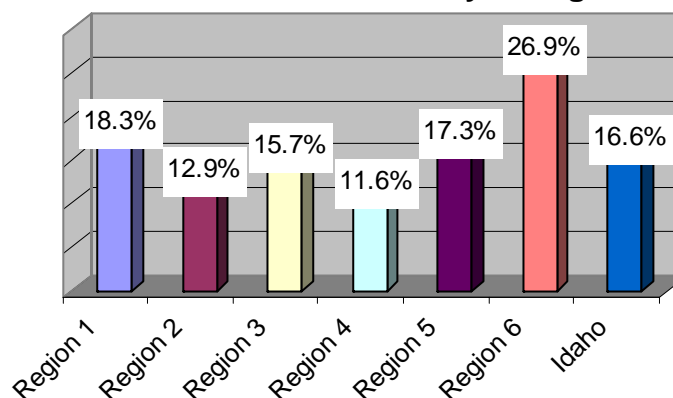
Adult Participation in Downhill Skiing



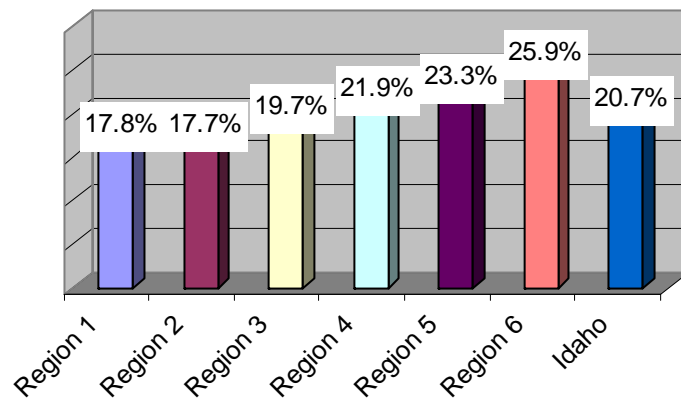
Youth Participation in Downhill Skiing



Adult Participation in Classic Cross-Country Skiing



Adult Participation in Snowmobiling

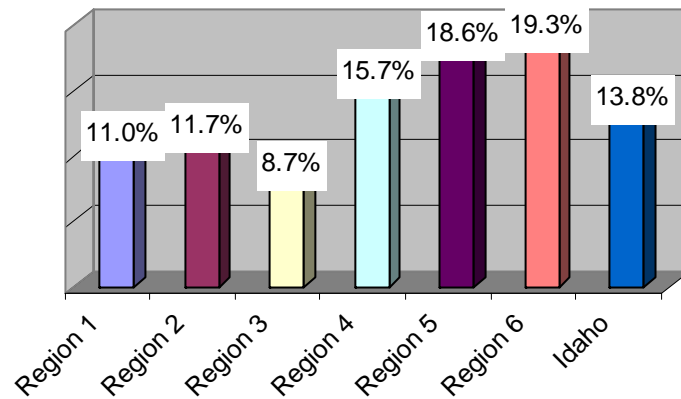


Regional Participation Rates

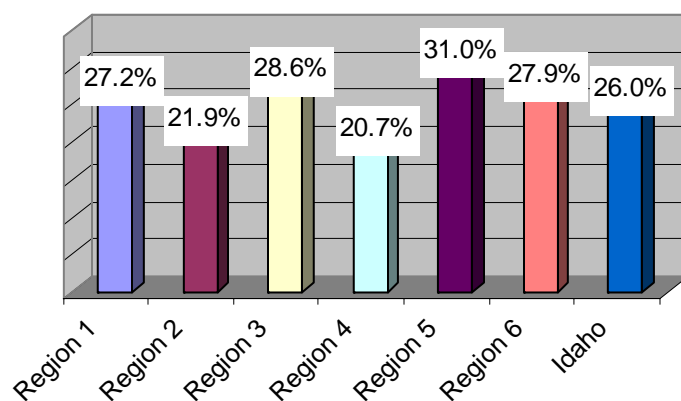


Winter Activities

Youth Participation in Snowmobiling



Adult Participation in Sledding

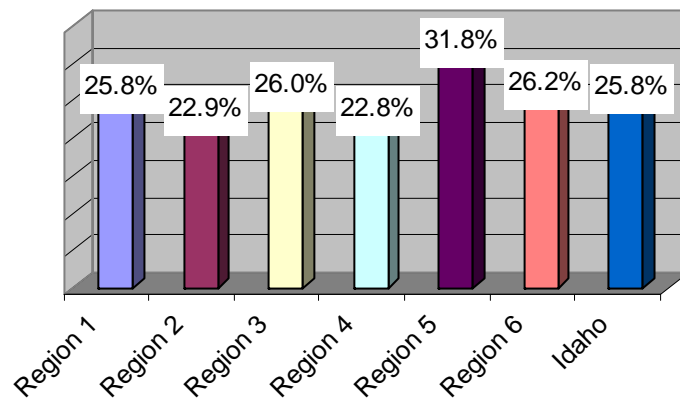


Regional Participation Rates

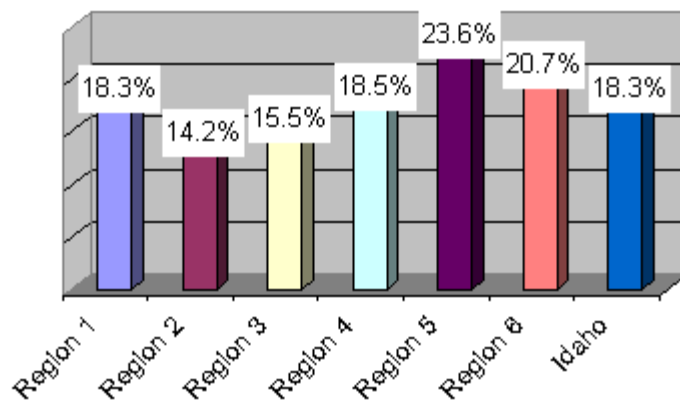


Winter Activities

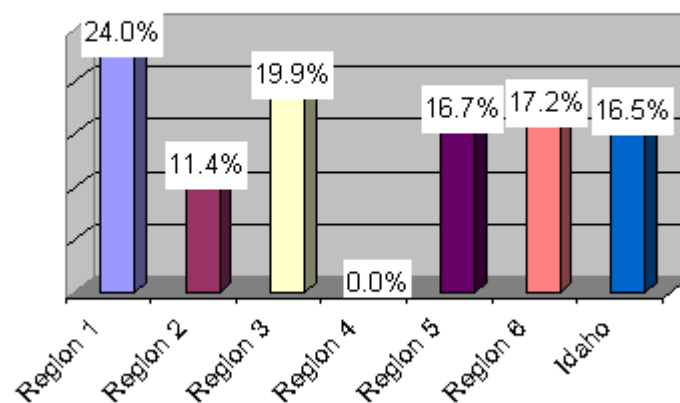
Youth Participation in Sledding



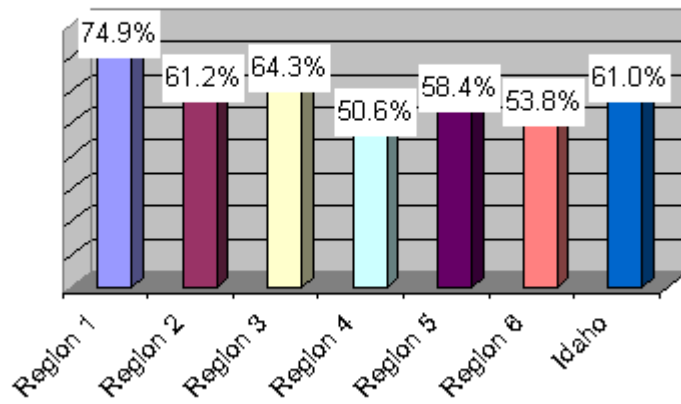
Youth Participation in Snowboarding



Adult Participation in Snowshoeing



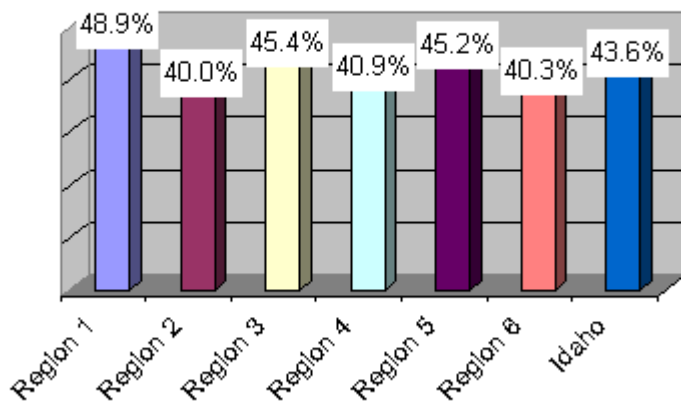
Adult Participation in Outdoor Swimming Pond, Lake or River



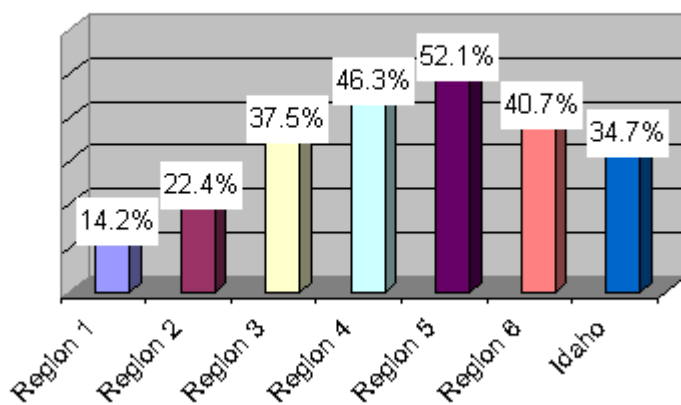
Regional Participation Rates



Youth Participation in Outdoor Swimming Pond, Lake or River



Adult Participation in Outdoor Swimming Public Outdoor Pool



Regional Participation Rates

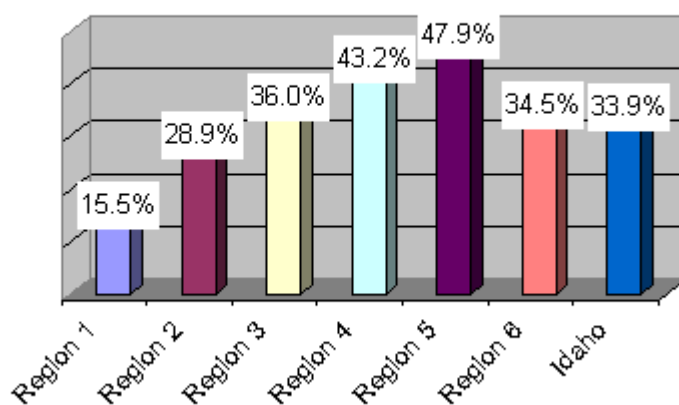


Swimming

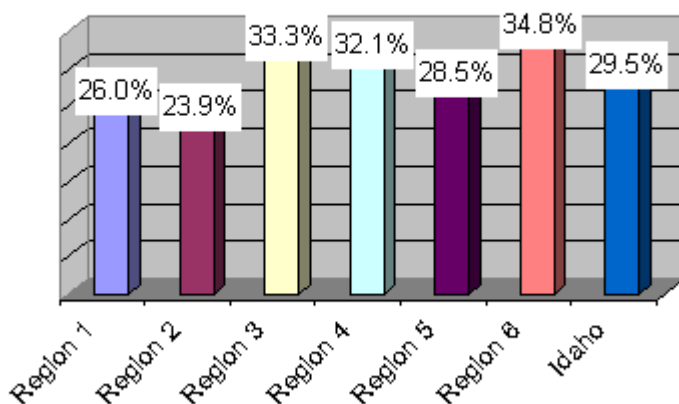
Sports & Games

Youth Participation in Outdoor Swimming

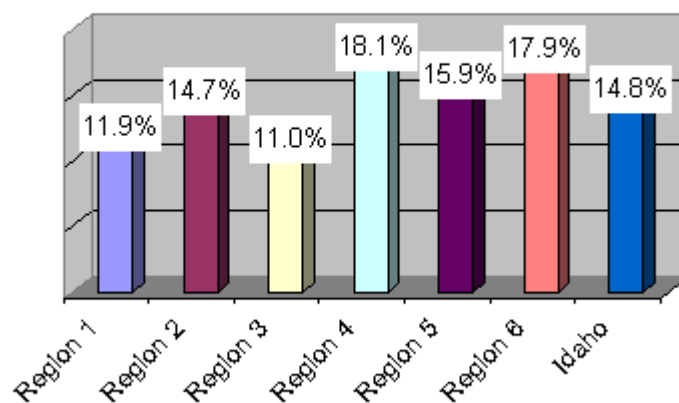
Public Outdoor Pool



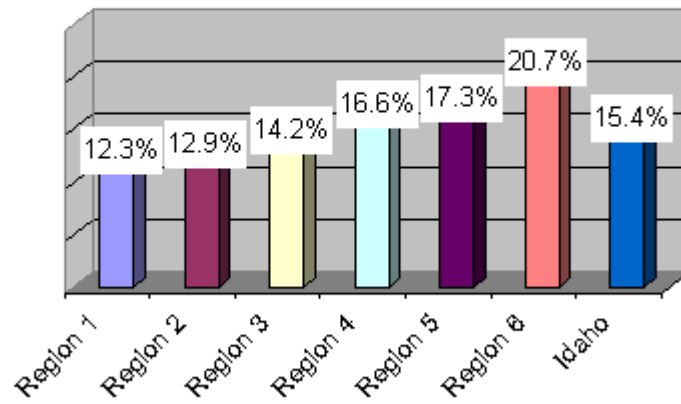
Adult Participation in Golf



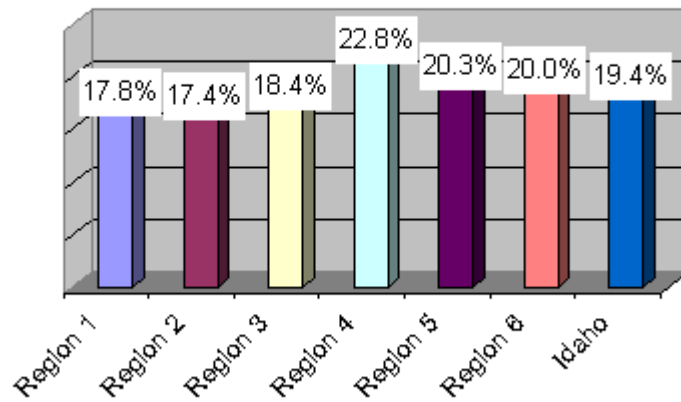
Youth Participation in Golf



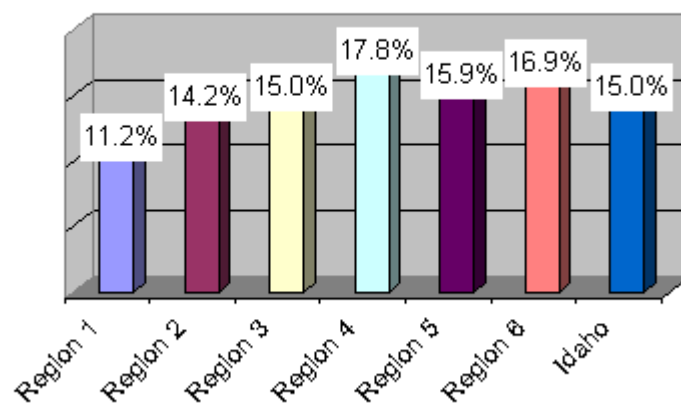
Adult Participation in Outdoor Basketball



Youth Participation in Outdoor Basketball



Adult Participation in Volleyball



Regional Participation Rates



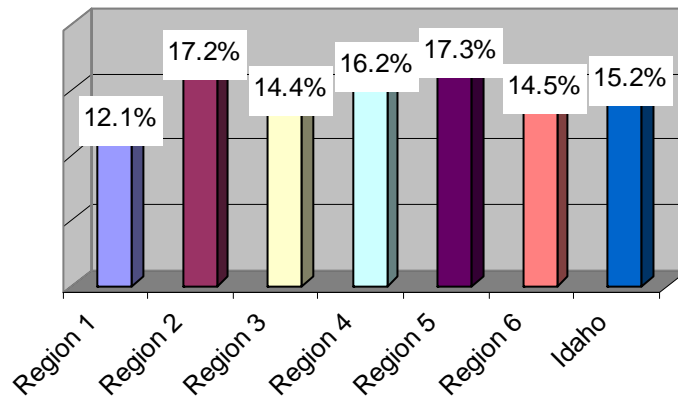
Sports & Games

Regional Participation Rates

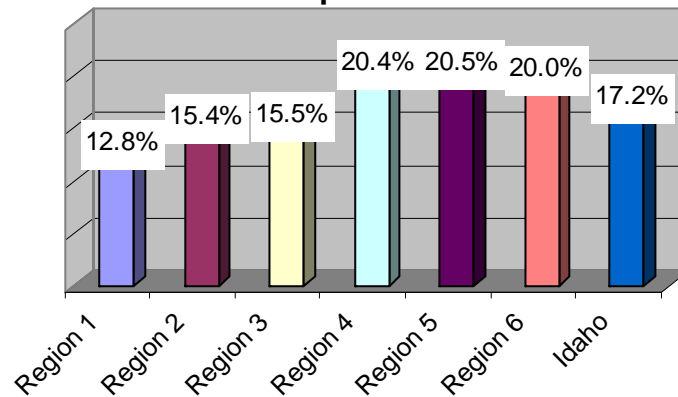


Sports & Games

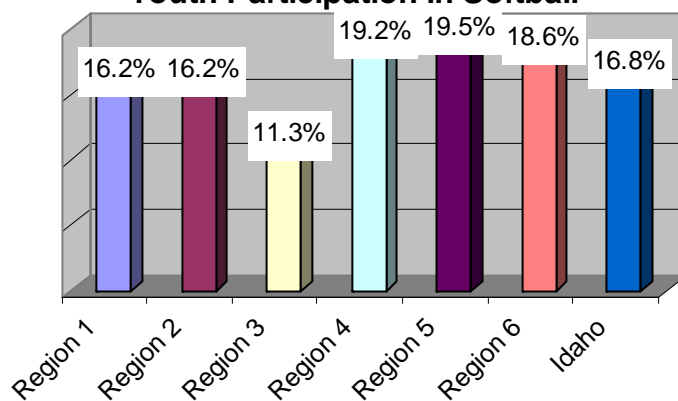
Youth Participation in Volleyball



Adult Participation in Softball



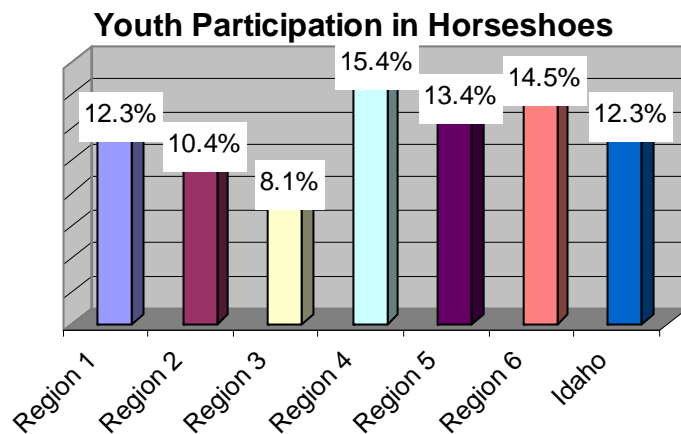
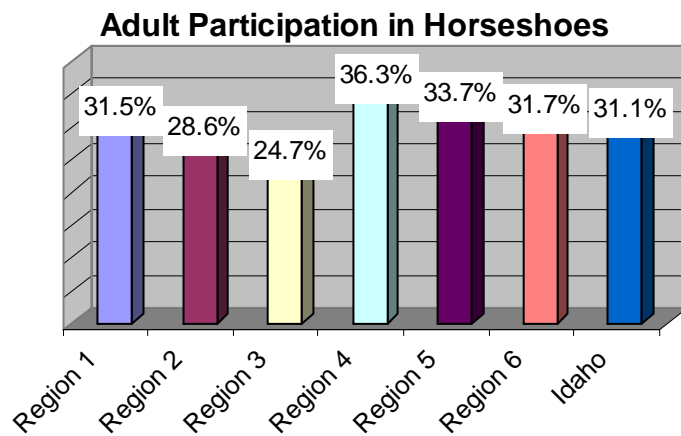
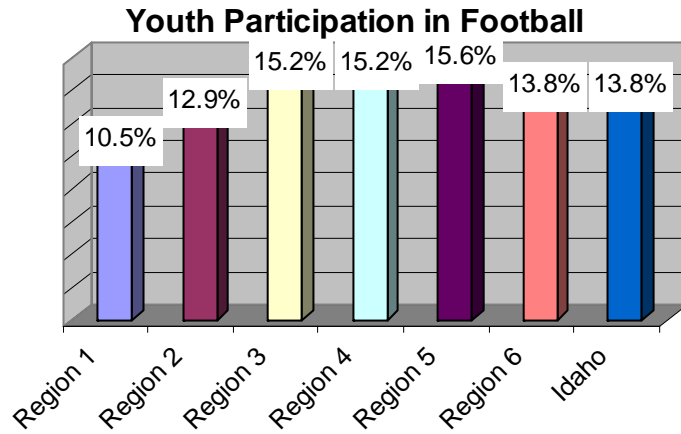
Youth Participation in Softball



Regional Participation Rates



Sports & Games



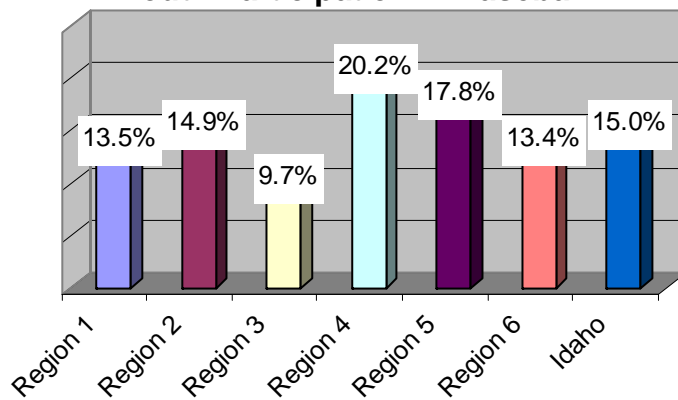
IDAHO

Regional Participation Rates

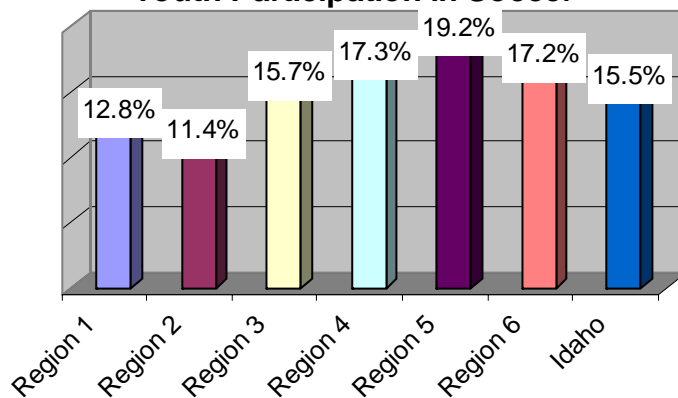


Sports & Games

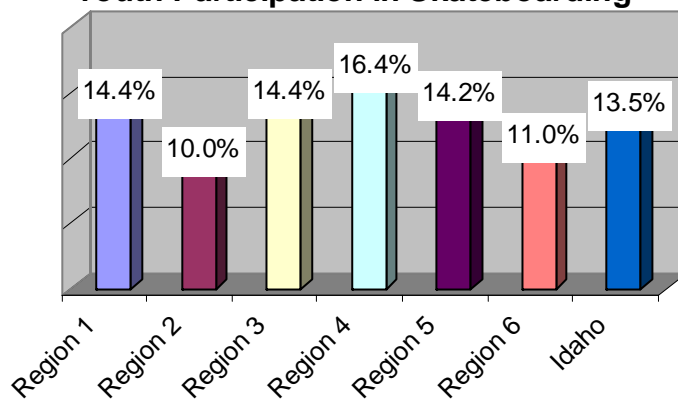
Youth Participation in Baseball



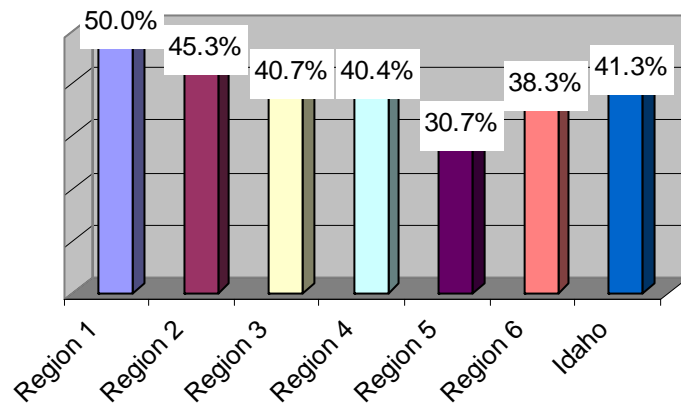
Youth Participation in Soccer



Youth Participation in Skateboarding



Adult Participation in Fishing on a Lake Motorized Boat

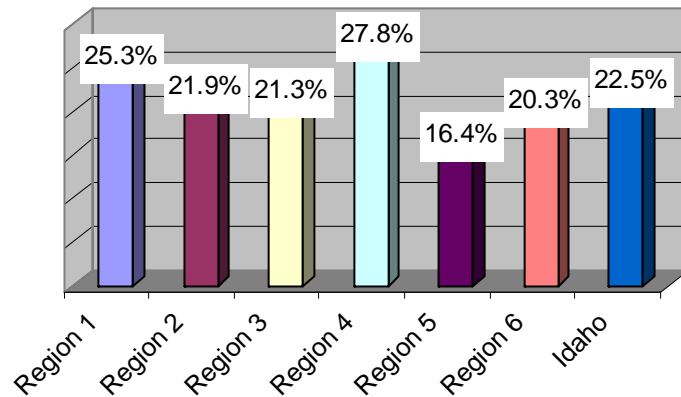


Regional Participation Rates

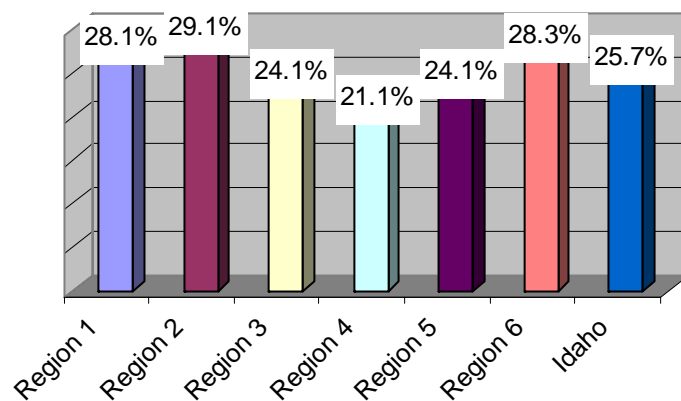


Fishing

Youth Participation in Fishing on a Lake Motorized Boat



Adult Participation in Fishing on a Lake Non-Motorized Boat

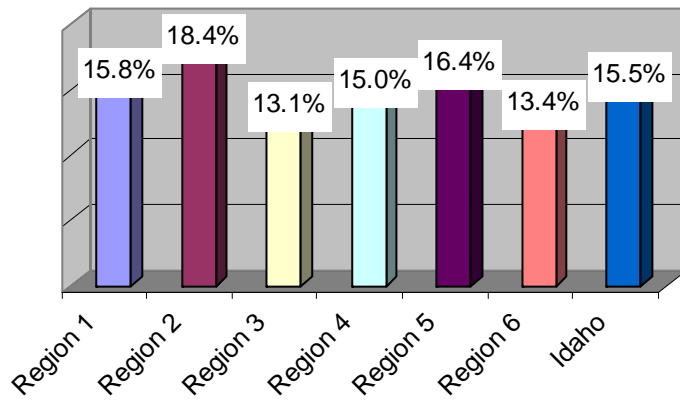


Regional Participation Rates

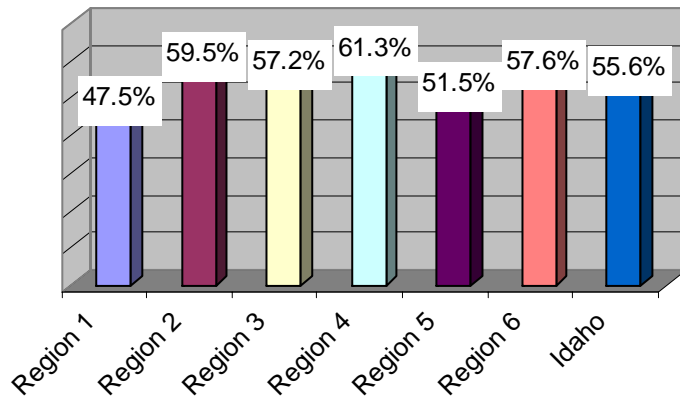


Fishing

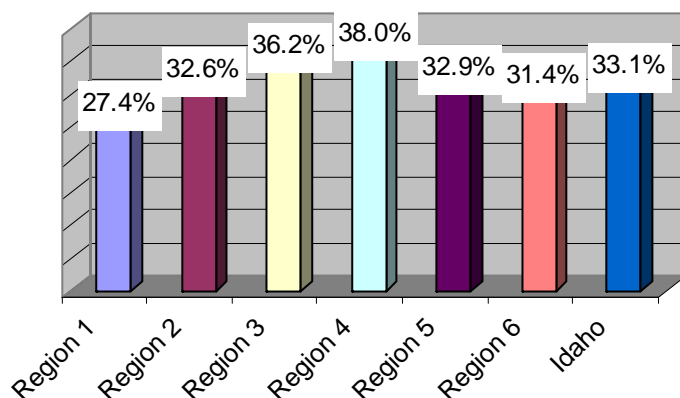
Youth Participation in Fishing on a Lake Non-Motorized Boat



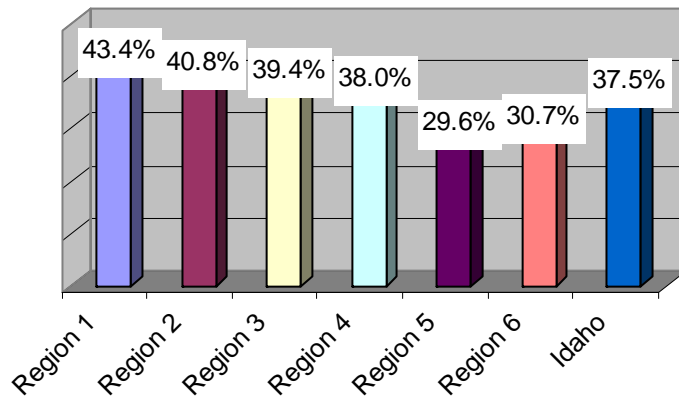
Adult Participation in Fishing on a Lake Bank or Shore



Youth Participation in Fishing on a Lake Bank or Shore



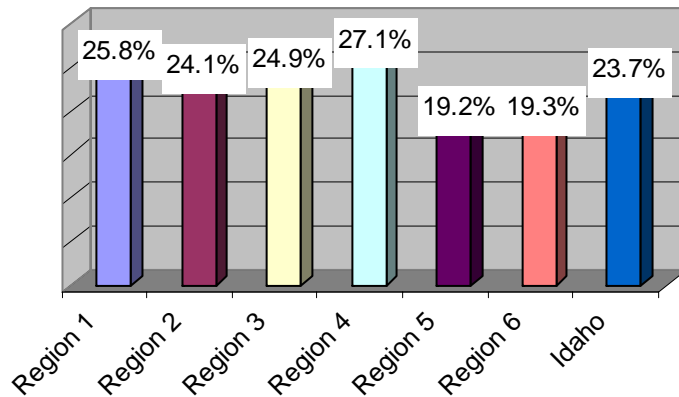
Adult Participation in Fishing on a Lake Dock or Pier



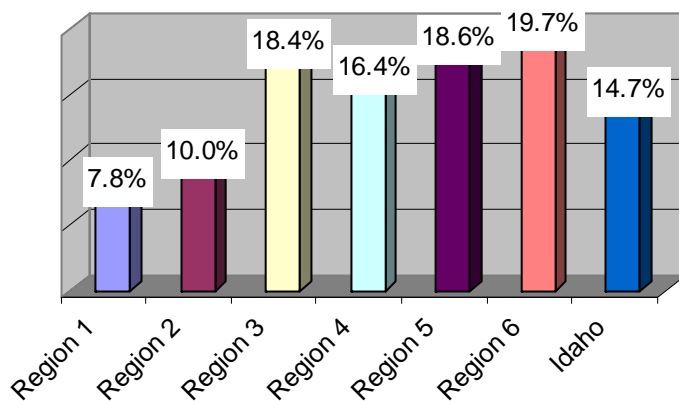
Regional Participation Rates



Youth Participation in Fishing on a Lake Dock or Pier



Adult Participation in Fishing on a Lake Float Tube

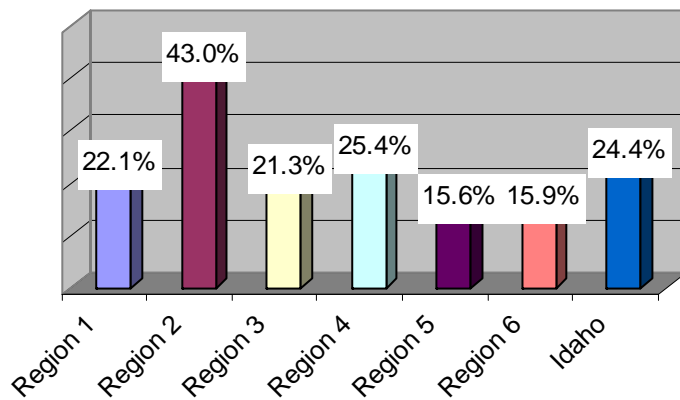


Regional Participation Rates

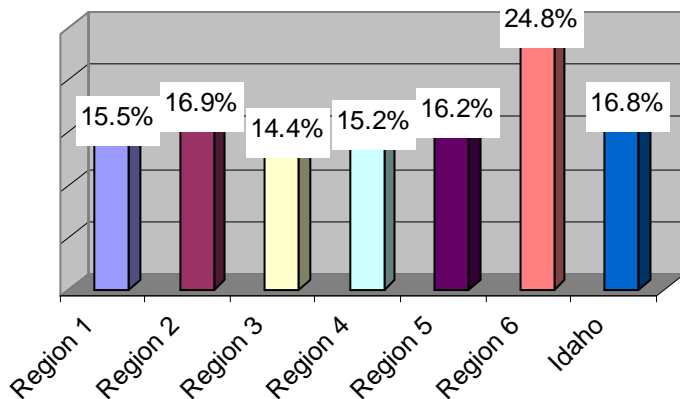


Fishing

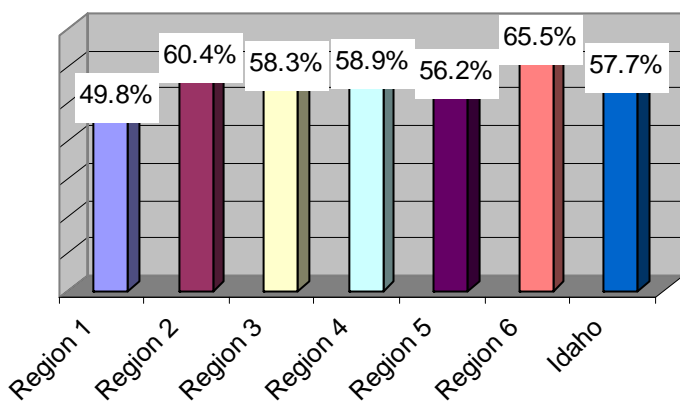
Adult Participation in Fishing on a River Motorized Boat



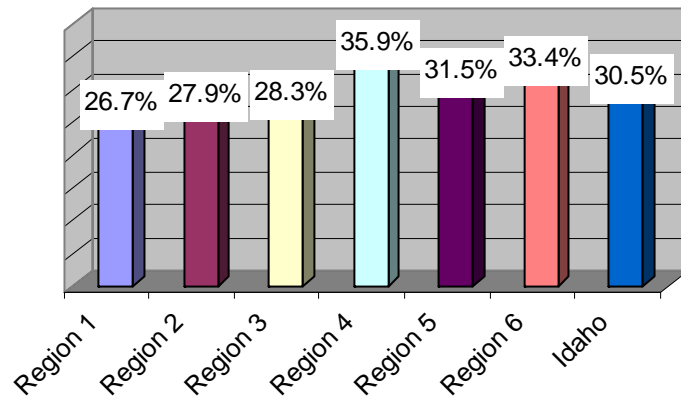
Adult Participation in Fishing on a River Non-Motorized Boat



Adult Participation in Fishing on a River Bank or Shore



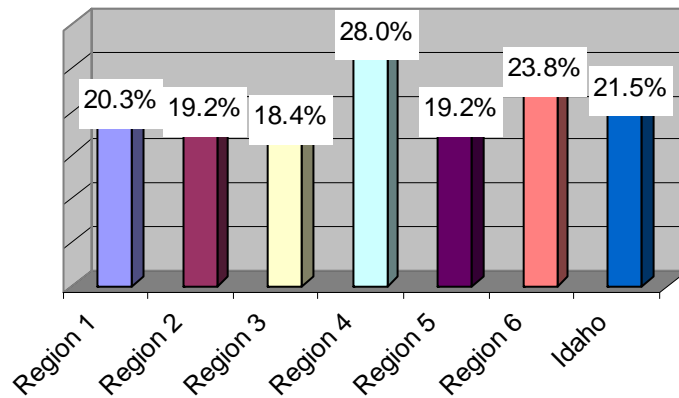
Youth Participation in Fishing on a River Bank or Shore



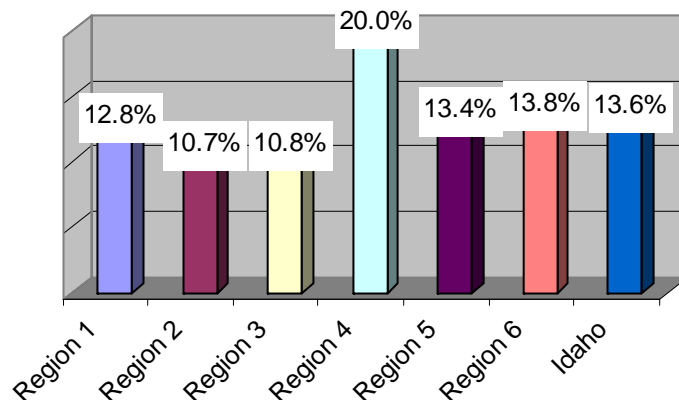
Regional Participation Rates



Adult Participation in Fishing on a River Dock or Pier



Youth Participation in Fishing on a River Dock or Pier

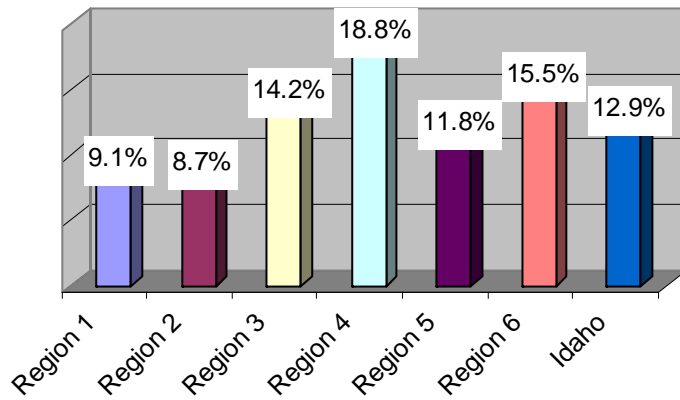


Regional Participation Rates

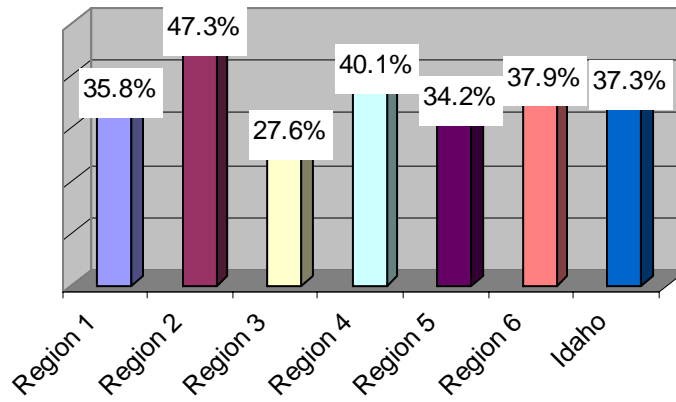


Hunting

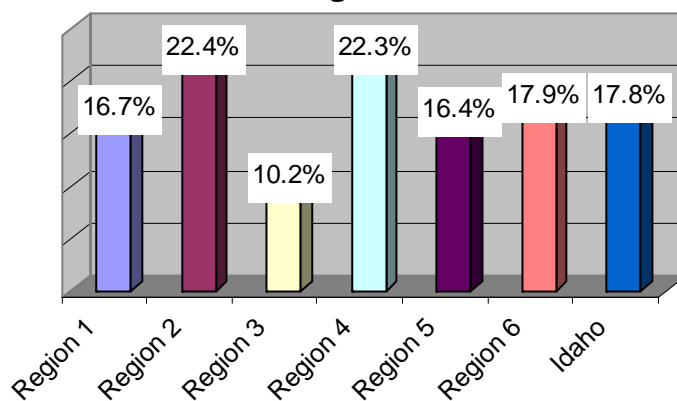
Adult Participation in Waterfowl Hunting



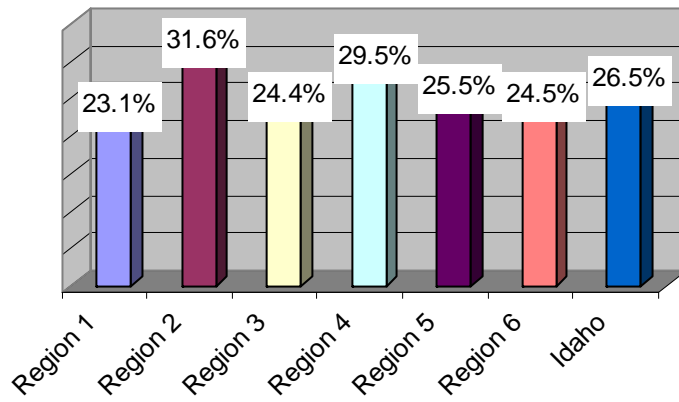
Adult Participation in Big Game Hunting Shooting with Rifles



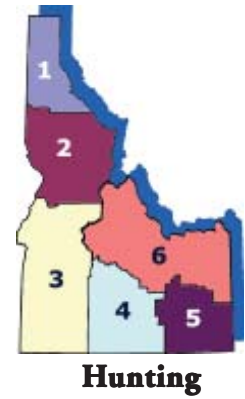
Youth Participation in Big Game Hunting Shooting with Rifles



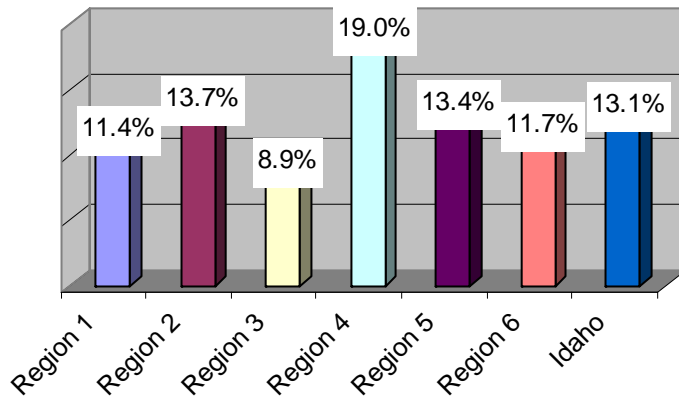
Adult Participation in Upland Bird or Small Game Hunting



Regional Participation Rates



Youth Participation in Upland Bird or Small Game Hunting

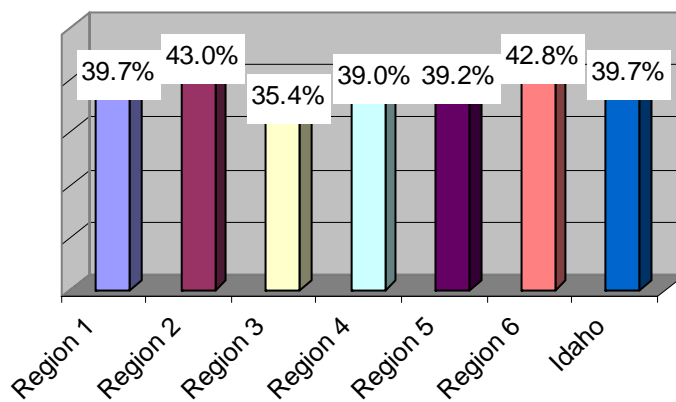


Regional Participation Rates

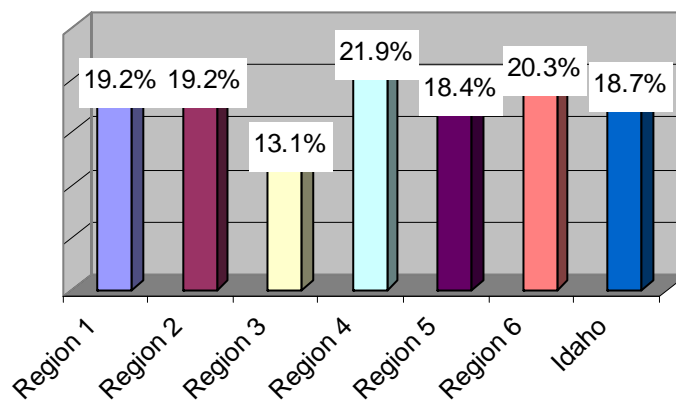


Hunting

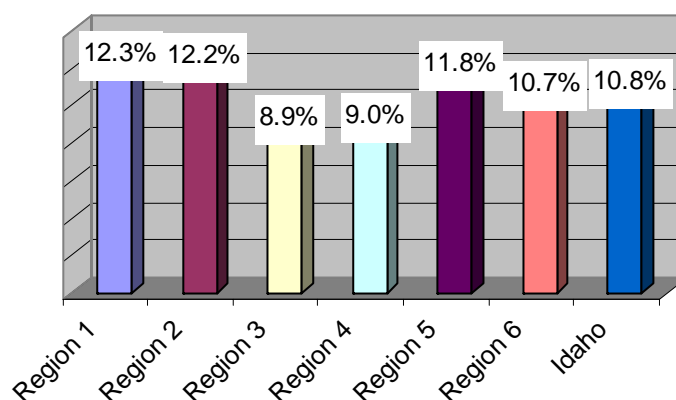
Adult Participation in Rifle/Pistol Target Shooting



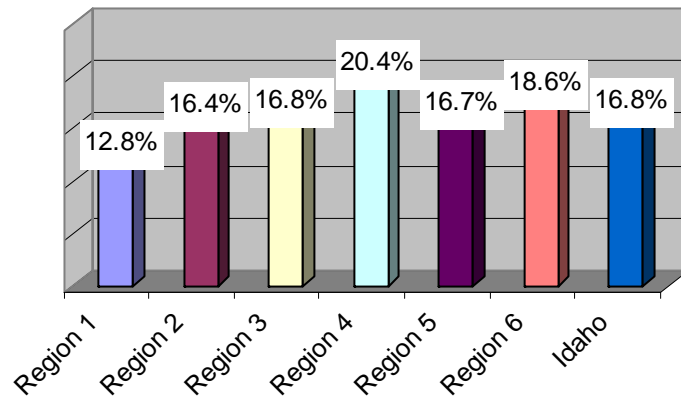
Youth Participation in Rifle/Pistol Target Shooting



Adult Participation in Archery Target Shooting



Adult Participation in Skeet/Trap/Clay Shooting

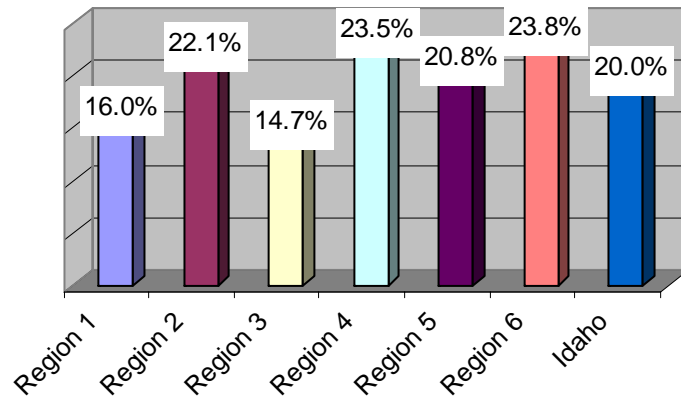


Regional Participation Rates



Hunting

Adult Participation in Hunting Pests (such as rodents)

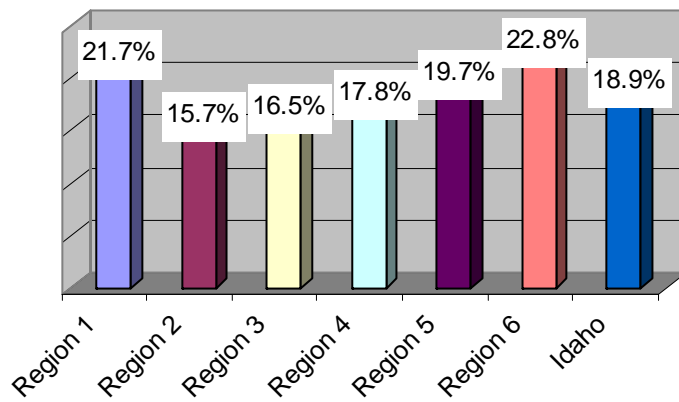


Regional Participation Rates

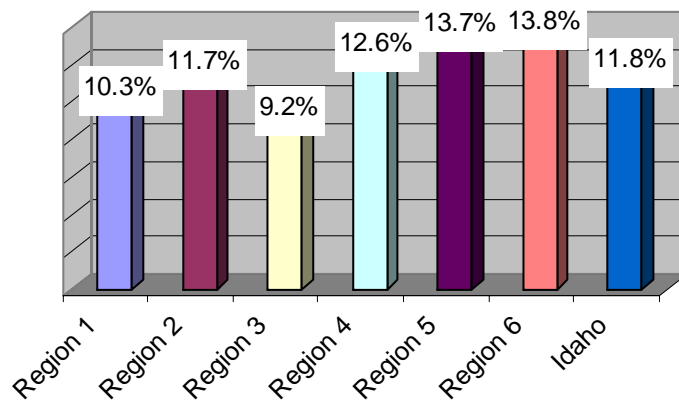


Boating

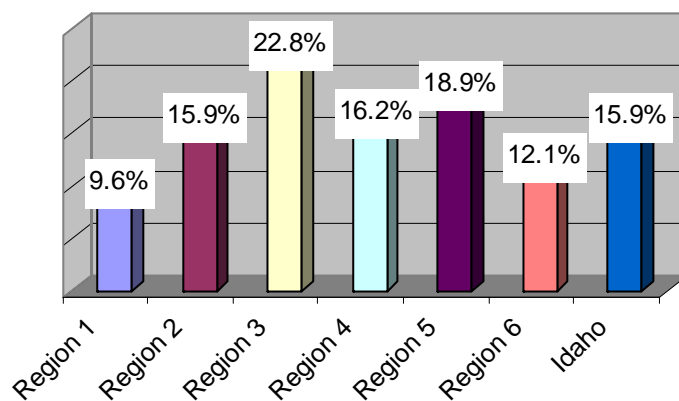
Adult Participation in Canoeing



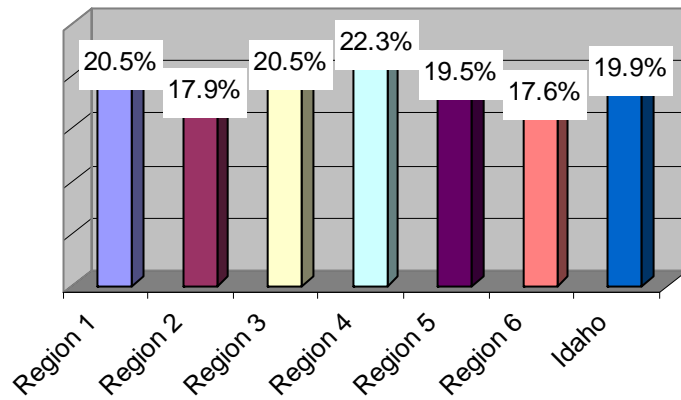
Youth Participation in Canoeing



Adult Participation in Whitewater Rafting



Adult Participation in Waterskiing or other Towing Activity

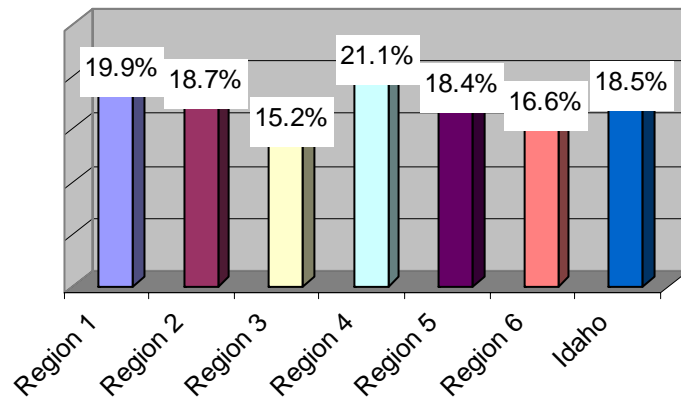


Regional Participation Rates

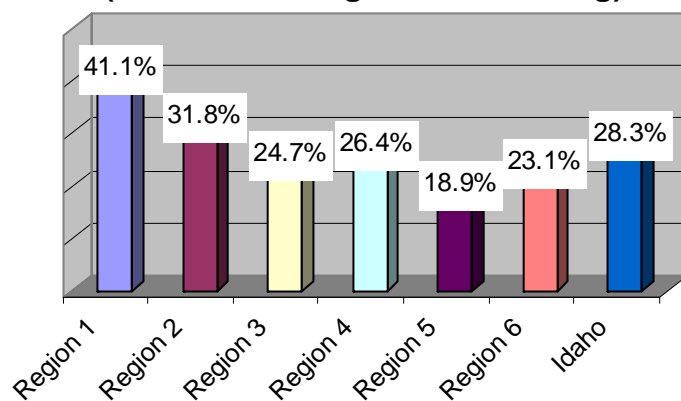


Boating

Youth Participation in Waterskiing or other Towing Activity



Adult Participation in Power Boating (excludes fishing and waterskiing)

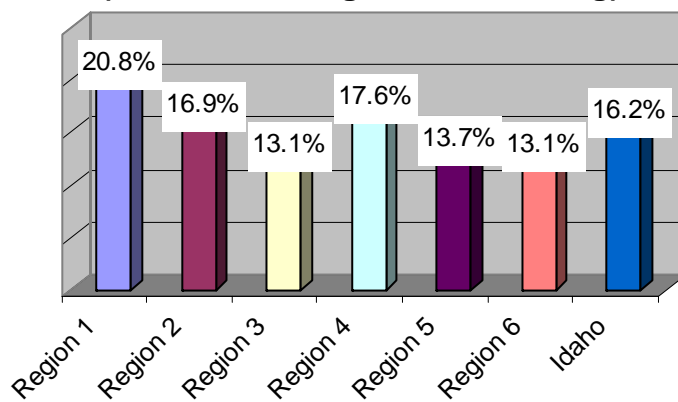


Regional Participation Rates



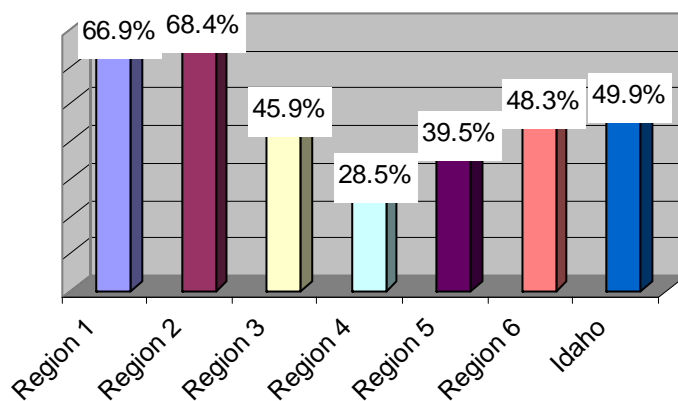
Boating

Youth Participation in Power Boating (excludes fishing and waterskiing)

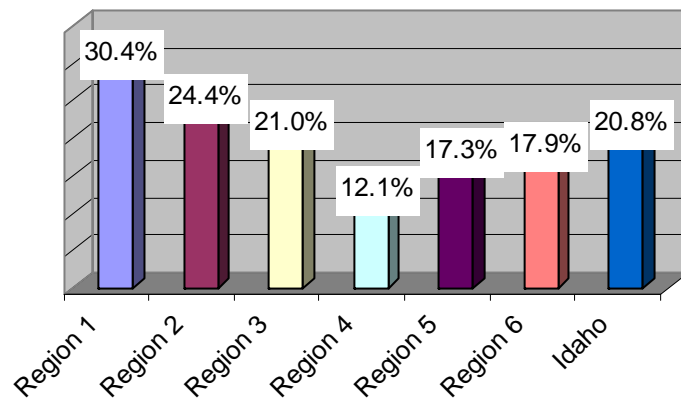


Collecting & Gathering

Adult Participation in Berry Picking



Youth Participation in Berry Picking

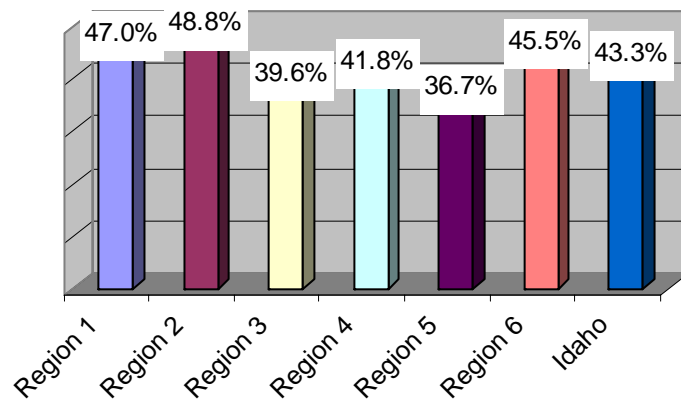


Regional Participation Rates

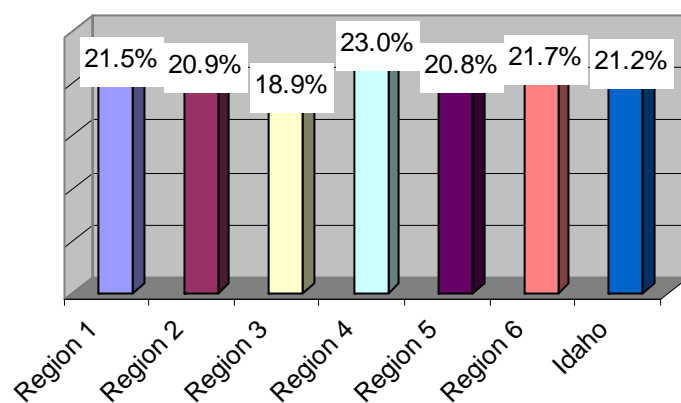


Collecting & Gathering

Adult Participation in Firewood Gathering



Youth Participation in Firewood Gathering

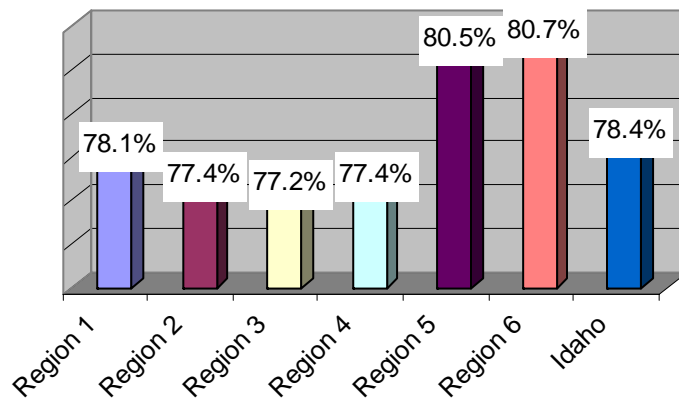


Regional Participation Rates

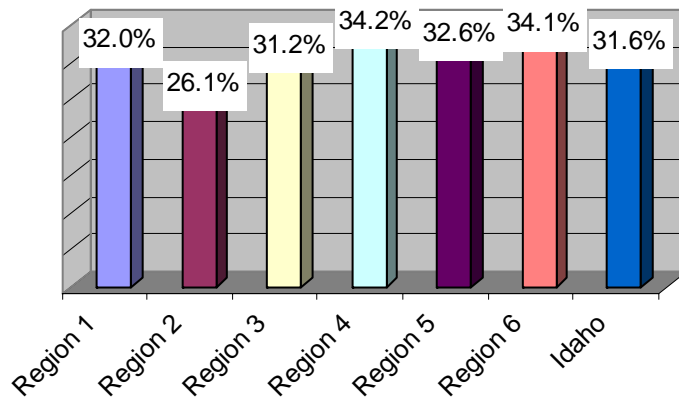


Trail Activities

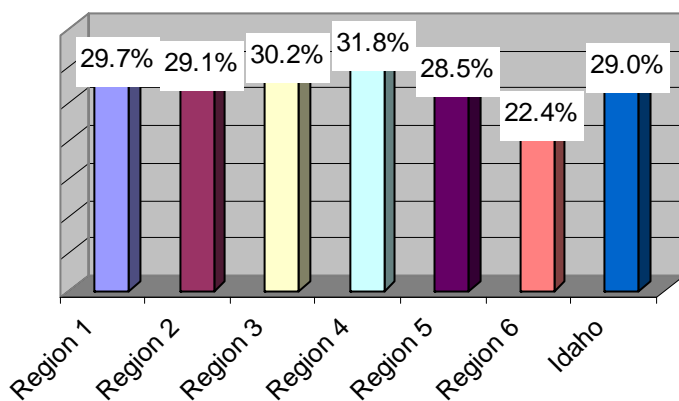
Adult Participation in Walking for Exercise



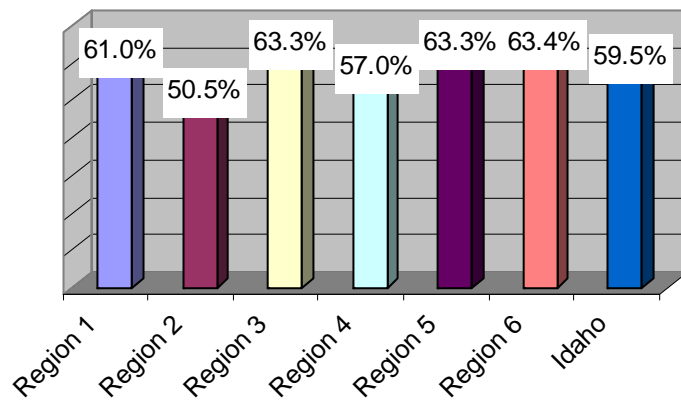
Youth Participation in Walking for Exercise



Your Dog's Participation in Walking for Exercise



Adult Participation in Hiking

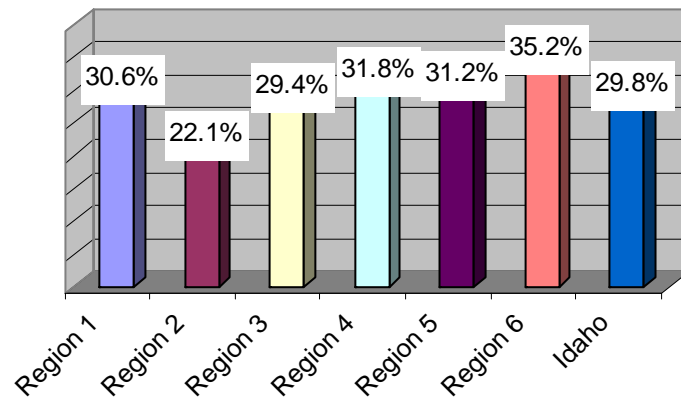


Regional Participation Rates

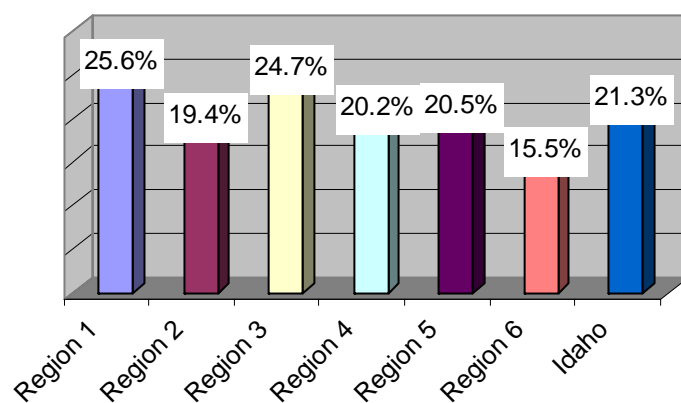


Trail Activities

Youth Participation in Hiking



Your Dog's Participation in Hiking

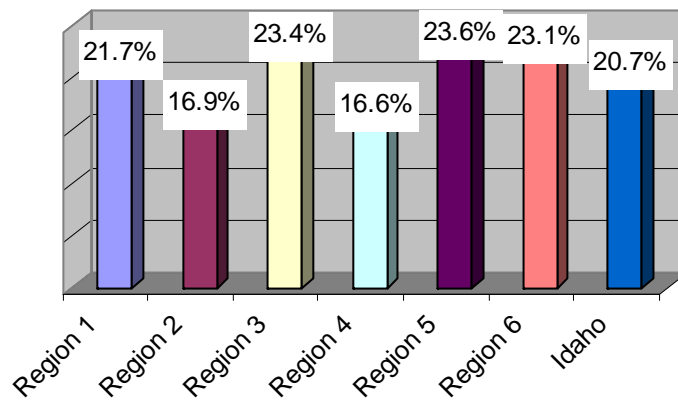


Regional Participation Rates

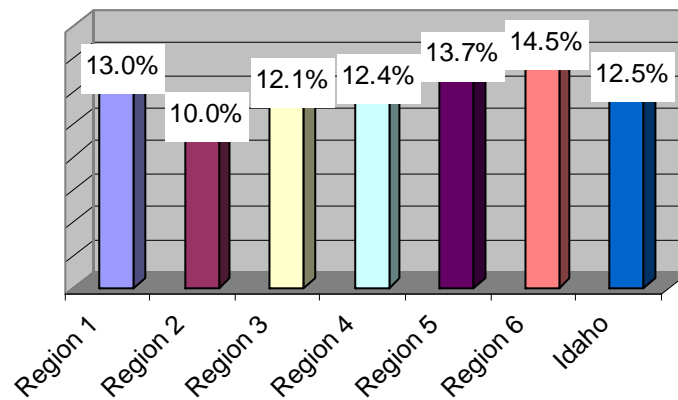


Trail Activities

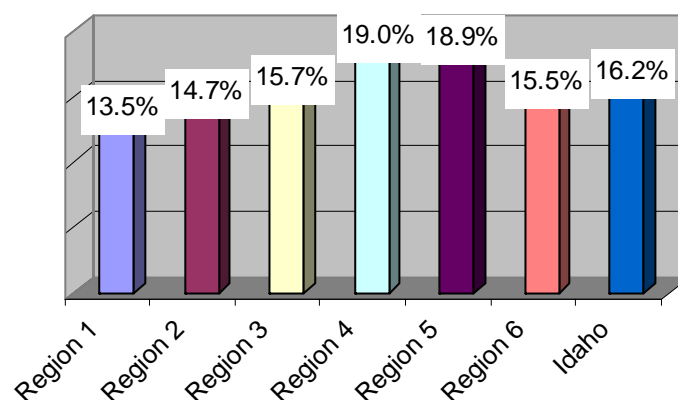
Adult Participation in Backpacking



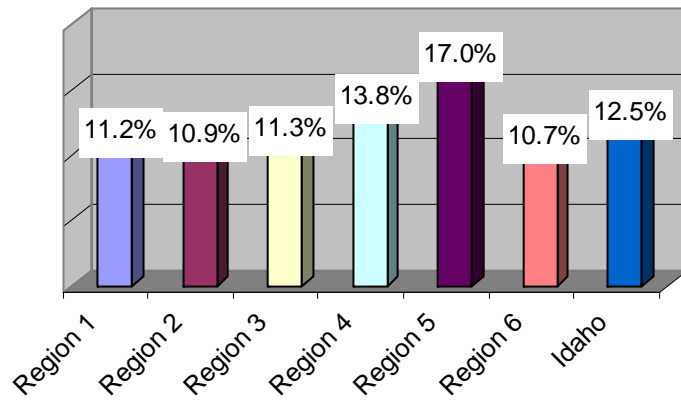
Youth Participation in Backpacking



Adult Participation in Horseback Riding



Youth Participation in Horseback Riding

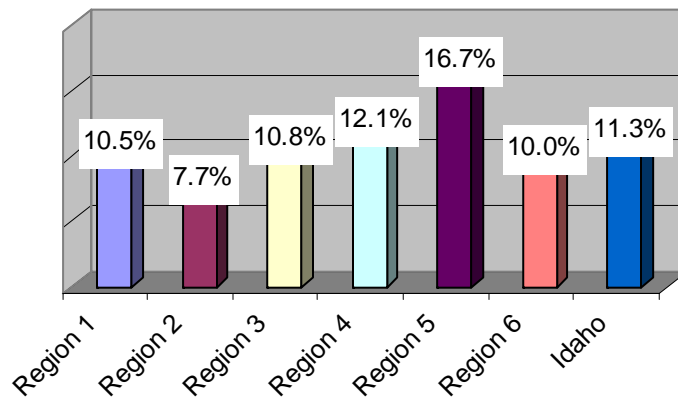


Regional Participation Rates

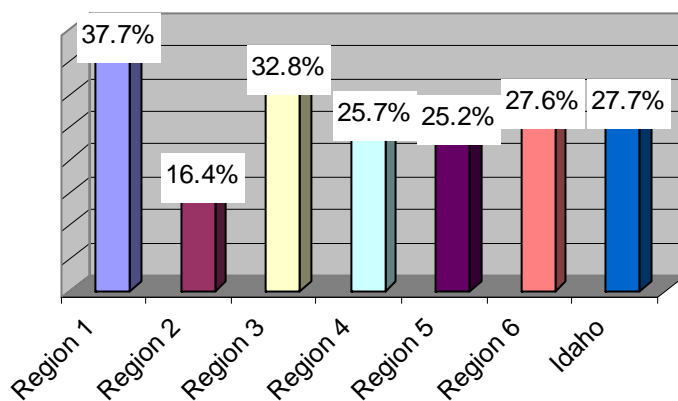


Trail Activities

Youth Participation in In-line Skating



Adult Participation in Road Bicycling

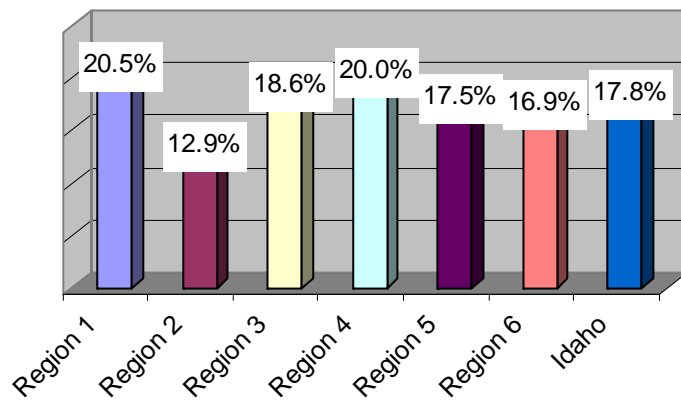


Regional Participation Rates

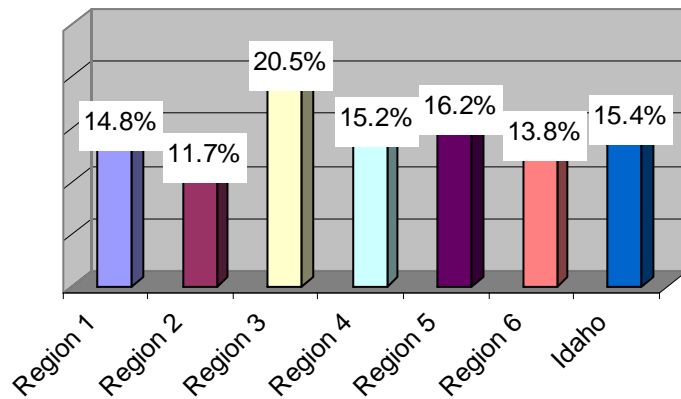


Trail Activities

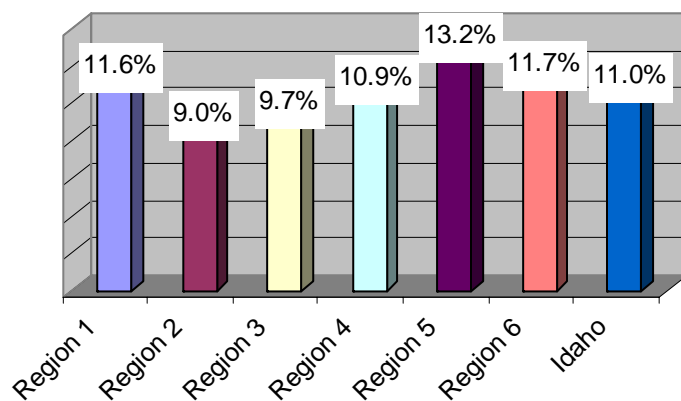
Youth Participation in Road Bicycling



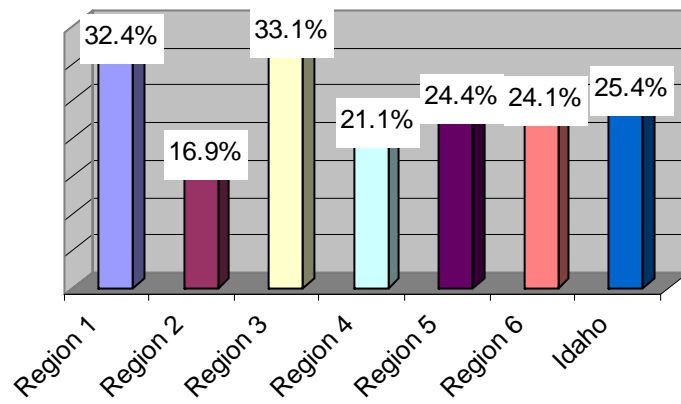
Adult Participation in Running



Youth Participation in Running



Adult Participation in Mountain Biking

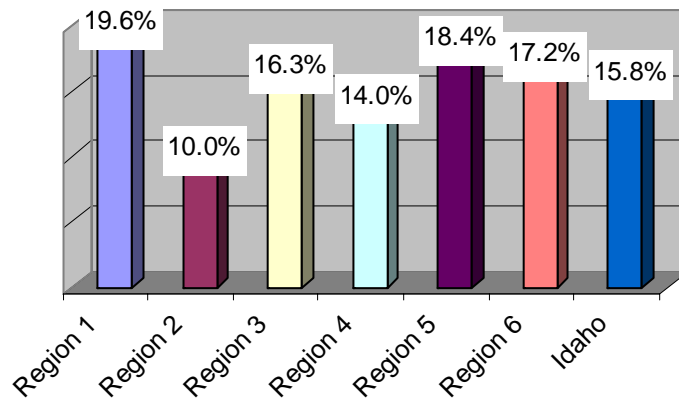


Regional Participation Rates



Trail Activities

Youth Participation in Mountain Biking

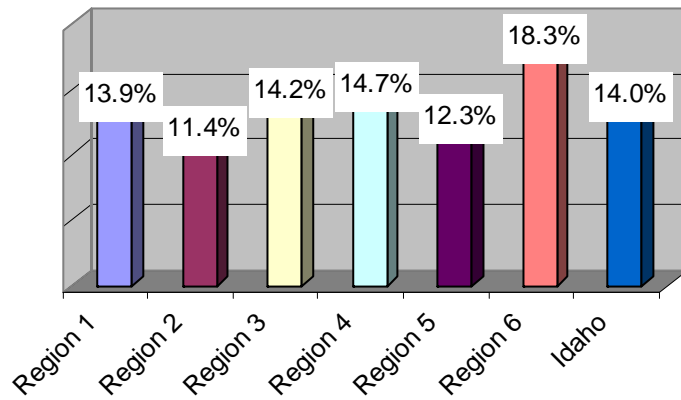


Regional Participation Rates

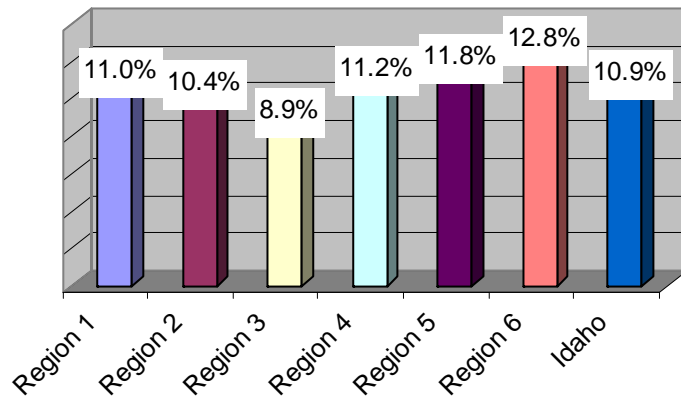


Motorized Activities

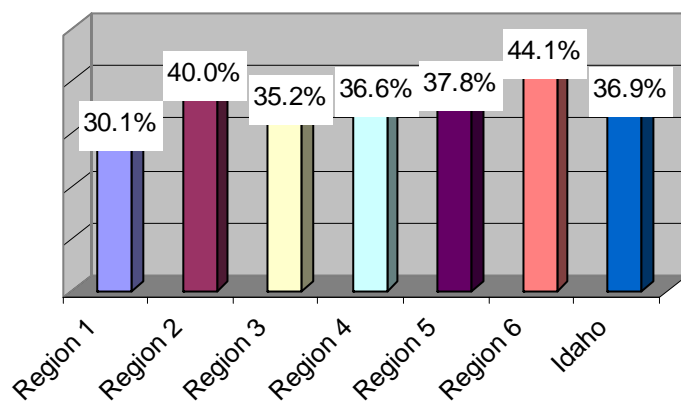
**Adult Participation in Motorcycling
(Dual Sport or Dirt Bike)**



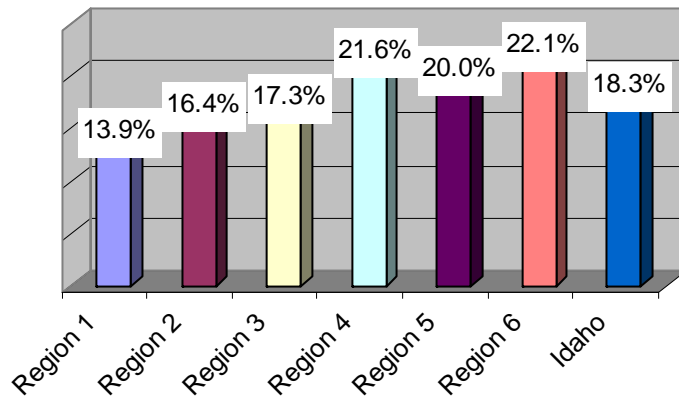
**Youth Participation in Motorcycling
(Dual Sport or Dirt Bike)**



Adult Participation in Four-Wheel Driving



Youth Participation in Four-Wheel Driving

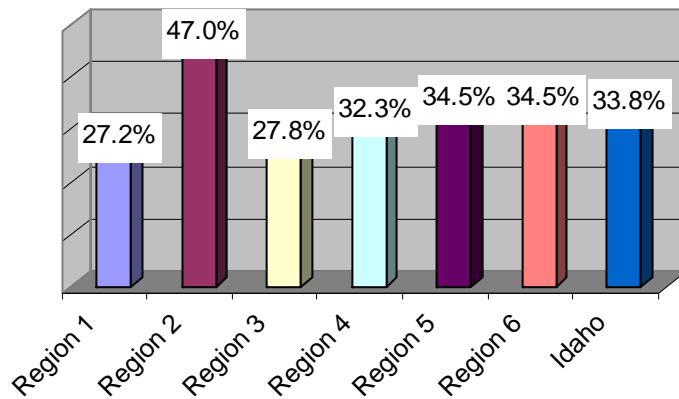


Regional Participation Rates

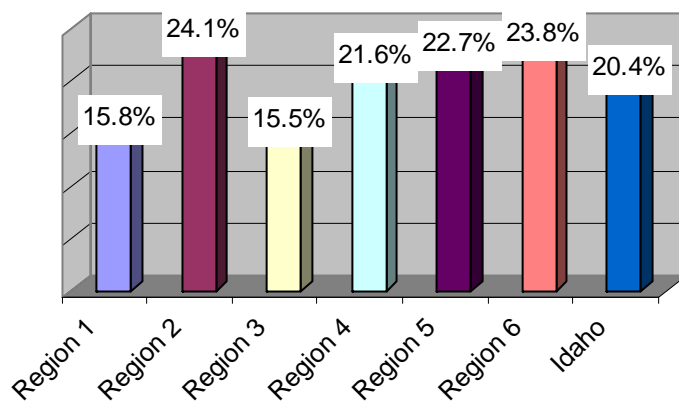


Motorized Activities

Adult Participation in Riding ATVs



Youth Participation in Riding ATVs

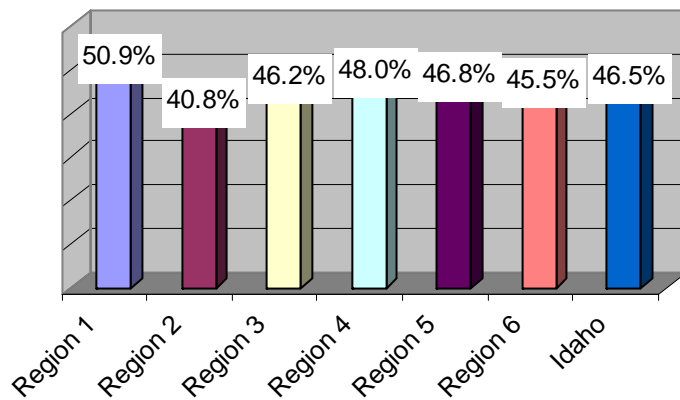


Regional Participation Rates

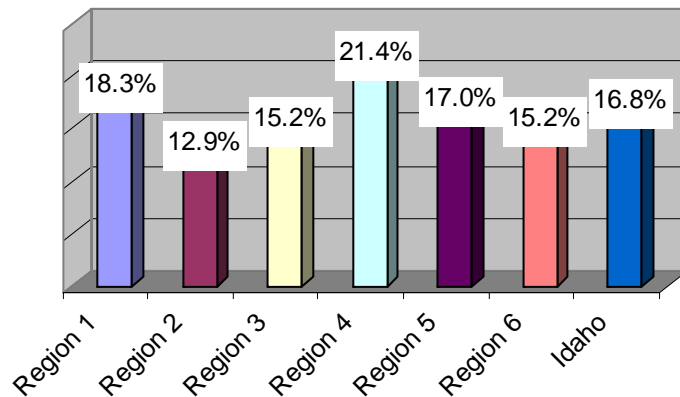


Wildlife Watching

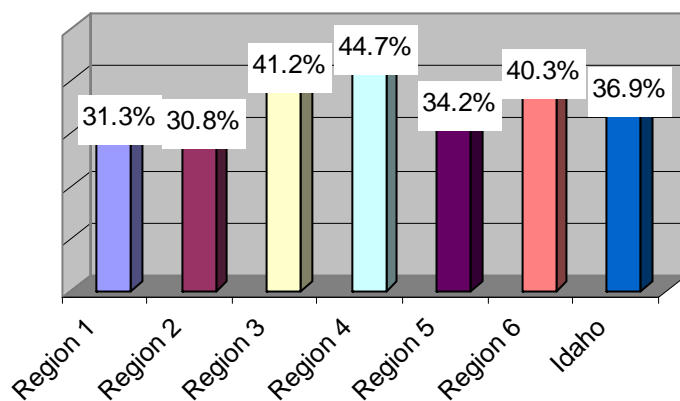
Adult Participation in Bird Watching



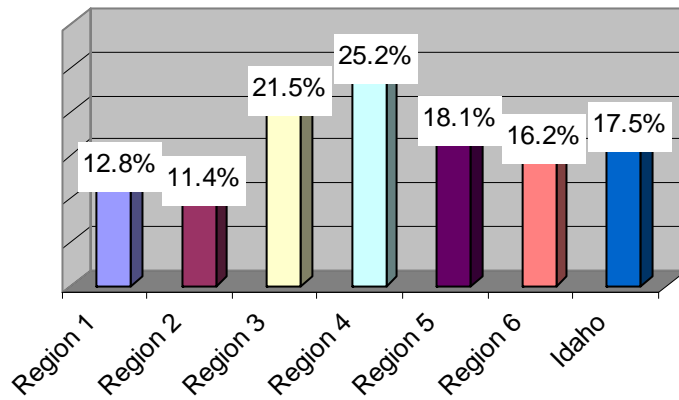
Youth Participation in Bird Watching



Adult Participation in Viewing Fish



Youth Participation in Viewing Fish

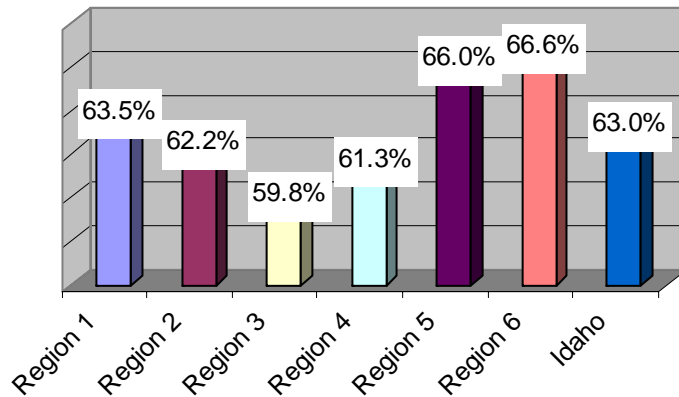


Regional Participation Rates

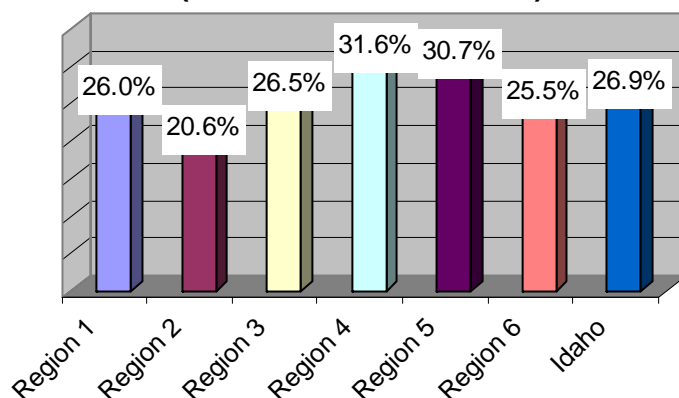


Wildlife Watching

**Adult Participation in Watching Wildlife
(other than birds or fish)**



**Youth Participation in Watching Wildlife
(other than birds or fish)**

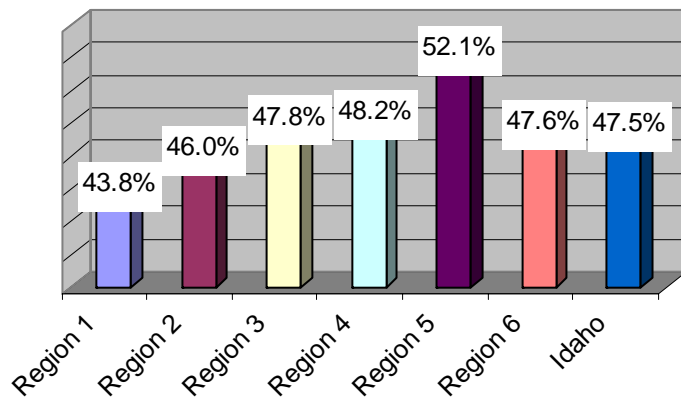


Regional Participation Rates

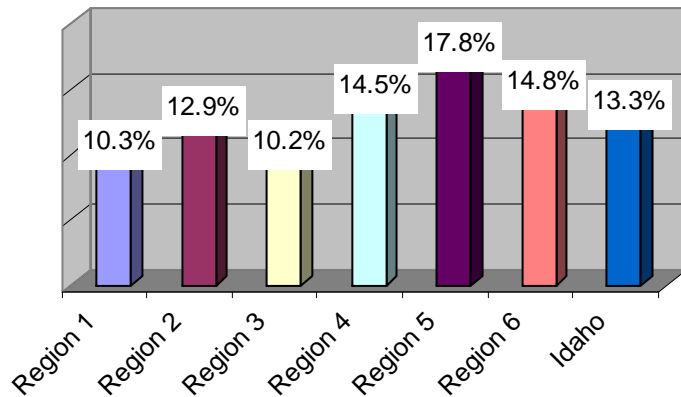


Wildlife Watching

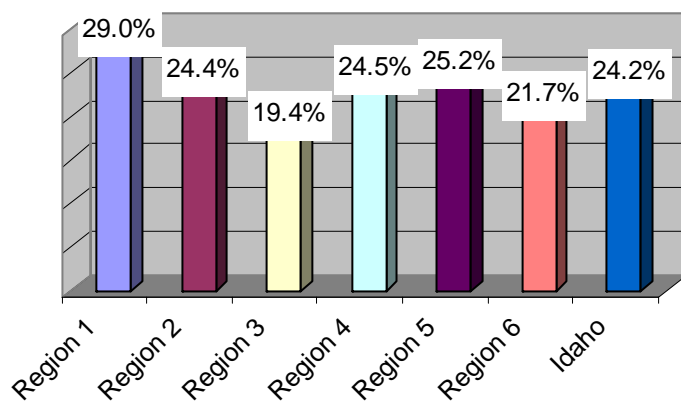
Adult Participation in Outdoor Photography



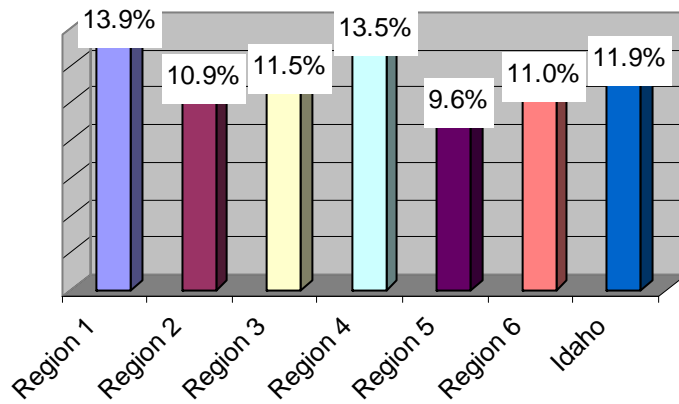
Youth Participation in Outdoor Photography



Adult Participation in Tracking Animal Signs



Youth Participation in Tracking Animal Signs

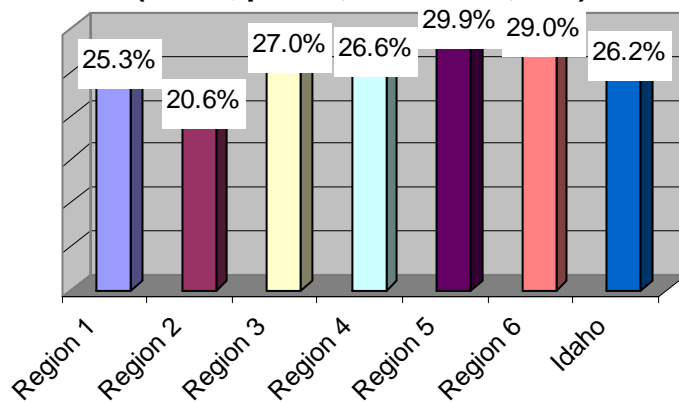


Regional Participation Rates

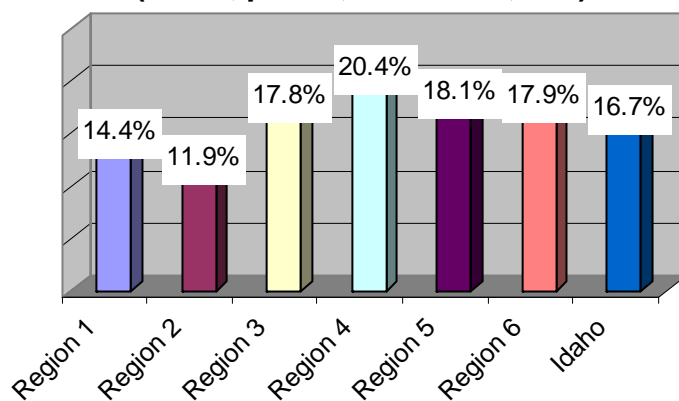


Wildlife Watching

Adult Participation in Collecting (rocks, plants, butterflies, etc.)



Youth Participation in Collecting (rocks, plants, butterflies, etc.)

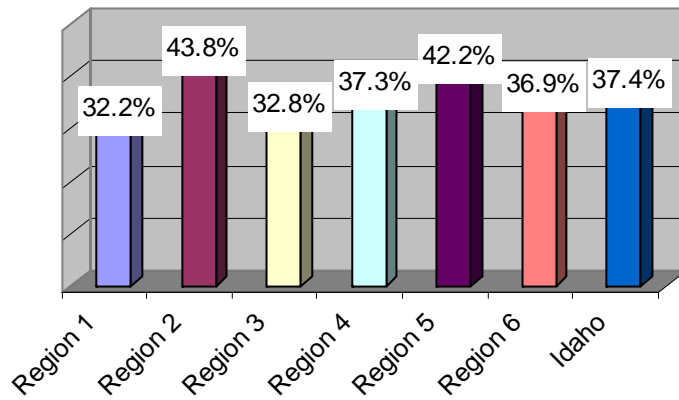


Regional Participation Rates

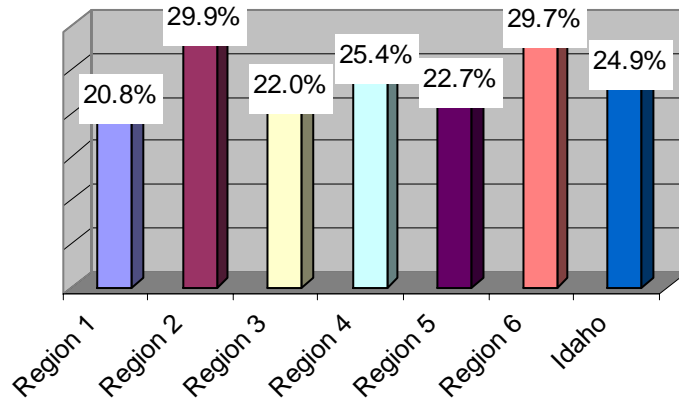


Camping

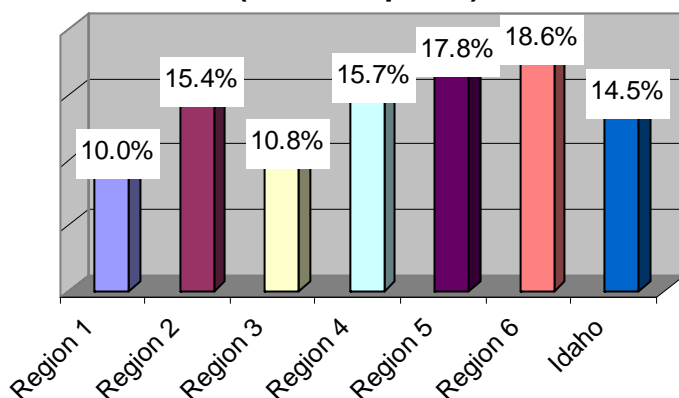
Adult Participation in RV Camping (at a Developed Site)



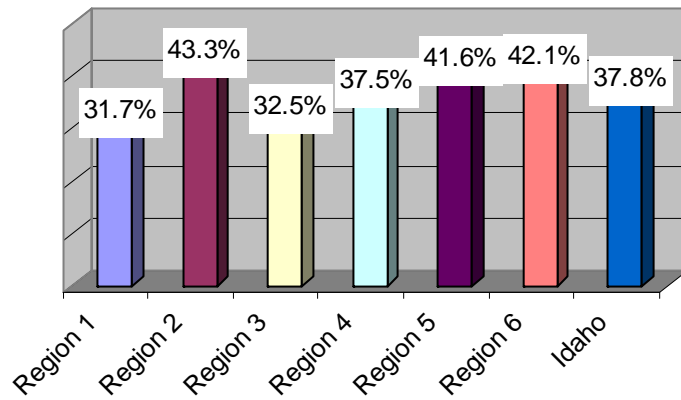
Adult Participation in RV Camping (at a Dispersed Site)



Adult Participation in RV Camping (at a Group Site)



**Adult Participation in RV Camping
(at Any Kind of Site)**

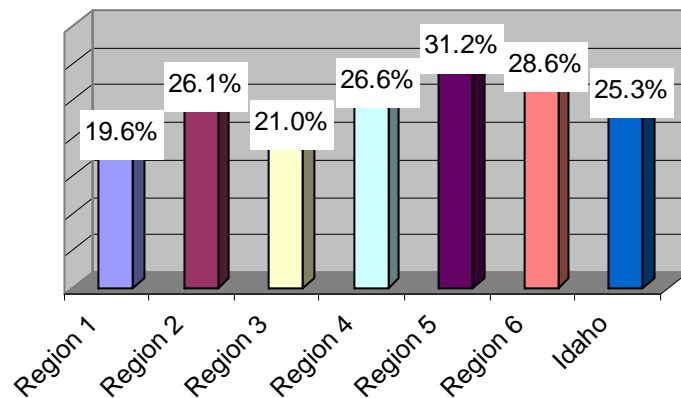


Regional Participation Rates

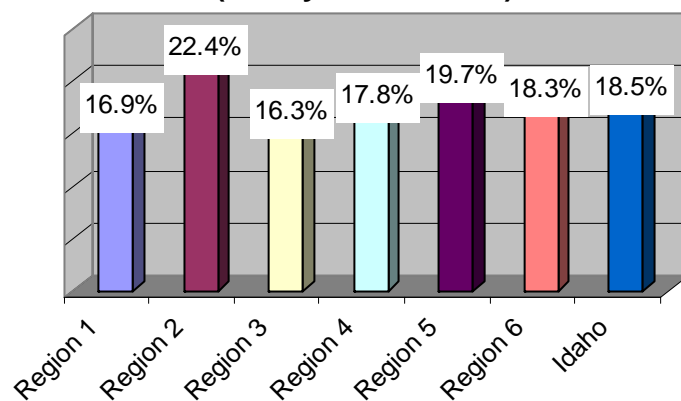


Camping

**Youth Participation in RV Camping
(at Any Kind of Site)**



**Your Dog's Participation in RV Camping
(at Any Kind of Site)**

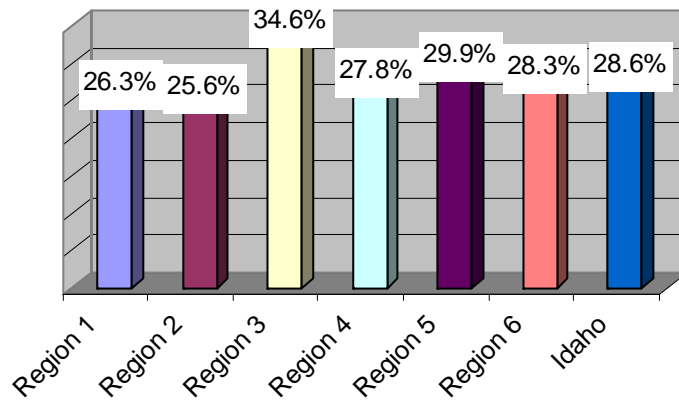


Regional Participation Rates

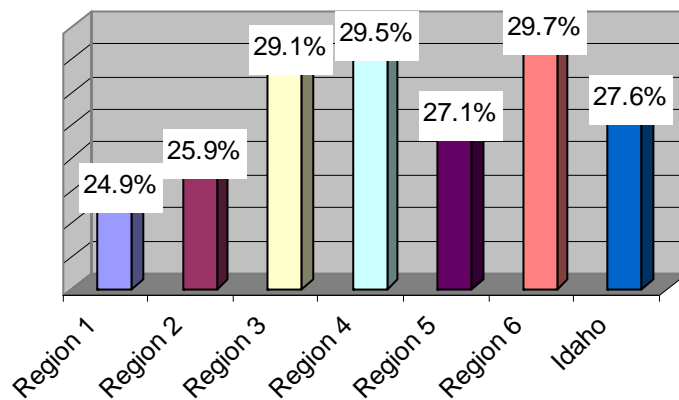


Camping

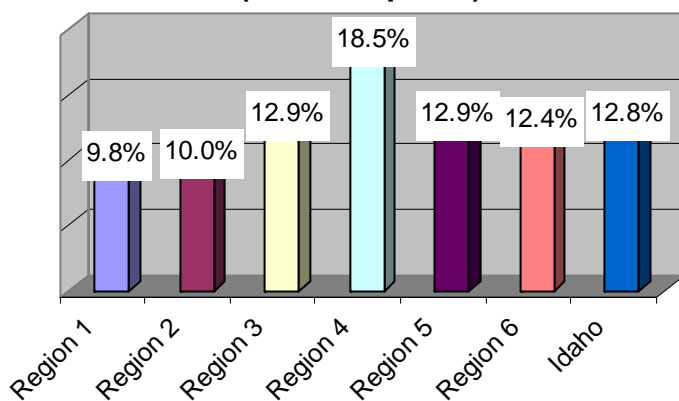
Adult Participation in Vehicle Tent Camping (at a Developed Site)



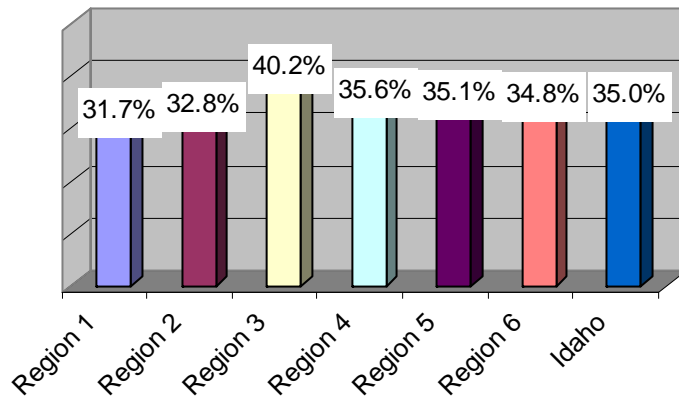
Adult Participation in Vehicle Tent Camping (at a Dispersed Site)



Adult Participation in Vehicle Tent Camping (at a Group Site)



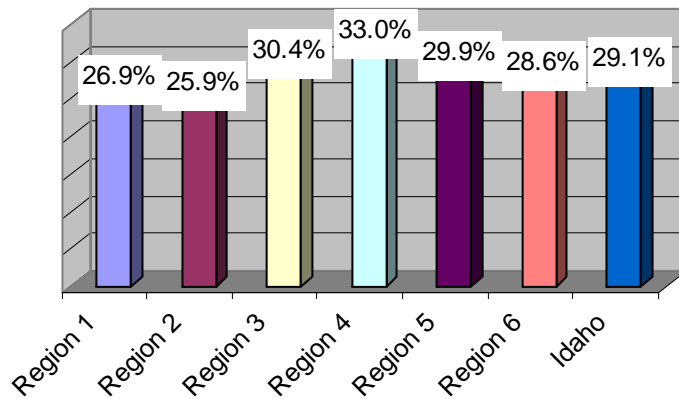
Adult Participation in Vehicle Tent Camping (at Any Kind of Site)



Regional Participation Rates



Youth Participation in Vehicle Tent Camping (at Any Kind of Site)



Your Dog's Participation in Vehicle Tent Camping (at Any Kind of Site)

